Inaugural Espay The Sedative effects of Cold for the degree Doctor of Medicine Thomas Nelson Virginia

lold to timber e Luatera Luctain ture is of an Efsay &

Both Teason & Experiment pronounce Cold to be a debilitating agent" To prove this position is the object of the foling essay - That the subject is important I westing wions investigation will be admitted by all who a unbacked in the practice of the Medical profrom - the justly celebrated professor of the to tates & practice of Medicine in the University Pennsy lvaria says "That next to man Coldis quatert Energy to man" - altho the Doctor on me Cold to be one of the cheif sources of Disease This her it has been & promises to be a still in valuable agent in the come of Discare accertain them its operation upon the animal stens is of the highest practical atility in circumstances stand to apologing for in effort to ascertain its direct operation upon

on poli at was , from the Human body -

That Cold is matter on that there exists such a my as actual frigorific particles appears to have - an opinion entertained by Mushen brook & my other - The general of this doction was, the wation which it produces being as painful as how a positive body, I the encumstance of or consealed water occupying mon space than in in a Lequid state - Water they imagined be naturally or efrentially fluid I to have fluidity in consequence of the round figure line polish of its particles - They therefore night that to give it solidity, some powerful at was necepary, as frigorific atoms of angular inted I wedgelike forms, which being into an id among thou of the souter, neight entangle & of them one with another - Upon then two

tion efor

Lite about has the belief of the existence of frigor for frantiels, been founded, with most of their is beau adopted the openion - But this is for trine which has but few if any blustone

for trine which has but few if any abettors The present day - It now appears to be inted by a great majority of Chymists that it is nothing but a privation, an absence of matter of Heat, that as bilener is the about ice of Sound & Darkings the absence of light, is cold the absence of Heat - To support a doctrine then have been many arguments Theriment, adoaned, which would be as recepany as foreign to the special object This e pay to whate - It being then granted I lot x is the men absence of Heat, I shall

and to congider its direct I immediate

to whom the animal

Wet upon the animal system -Whatever directly reduces the excitement of the tun is properly called a Sedative" - This is position so well established I think myself It in making it the ground work of my argus unts - Independant of facts which I am wently to whate I would concluded & I inh logically) from the circumstance of ld being a men absence of that, that it ourt act as a Sedative - We know that Head one of the most powerful stimueli to, then est is more natural than to suppose the whattion of it would have a Sedative of ation whom, the animal System - I s not the lood a Stimulus, & does not the abstraction it from, reduce the excitement of the system not this analogy a fair one? But this

mere al to Thes ration of men abstract asserting 4.3 shall go on to wash o' look a trock may be considered men to harden

that lotte when, the excelement of the system for It have opposements which have been much ..... to the integral ) on the Human lady in . It & I'm in To offeel on the A word hody to are - Firstern Fort to refere we retrusted . Leen is with in the hearth, deay in the a in the min at the hardwish dillerent with the contraction the great a hour of he day a self he is a mount carren it said materiales a come of y country indice exerted to the contra sen of thee to inion - hot is deep may where there is a " wine to it were to retire many correctly remains



set "C il mode of so are a long count attended were to better - best the to tirely 5 Colliveries, & the late of the cuits was " is to be now in the her offer to any .. so the to so steren . heden action are a residence on the southern & the ye too it wise & commency see it a south the other expert town of me case of con . to a Machented to trid set untily remesers Vericetal a comme d'enger cate are a su repense, Then all I have " were 's a stepended one - . The " in



would at med the receiving of them in freis . to as the is . the later of the detail . I a which for the comprised satisfaction war refrected them but the time . Yours " to proparation of a sinis he ment to fire and to being men some i am in it of me of pertundy - is hall .. costs one of the Al Mayor by - cuts in the own words 1, a me to fit is an are of amount in my culou need we to after the president one for minut it's parchast & futuely time - and " you me if the was very contion in terner in note energy which



and to the limite to the following is no exact as not of to freet - no minutes - ite. annument to just beat 13 strokes the mute, 3 menter 12: 4 minute, 6; 6 imula & a nometer from the commencement to university it allowsted in julistions i inte - he the water ever now requiring " the region ent was deren brand i prime car ob each not a rig to become if in a sent best at tout much of its love witness Low not have experient of apper intenter to by from that the cet operation of Coid . First of a Sedation this care no objection ought to be is ade the comment on of his lest with watering can be made it is that the water anderson ham the translace must



we seems meet we ad action on the part ment at This would neceparely have in the medating I it come in for from at dating the usuall would consider it cor not now we carry to be an in president . as differently from Gren of 9. 1110/1/2 I not to be altributed to The mechan cal from of the denser mexicum in accietathe deter of the farmer is per cents were may as I take in ment or from them .. cular exceivens, or born tothe ! It has corner rece said that it is once, high de us at cold find well prove detall aling it is mornote degree in igerate, The Ina otelle , will & every it is party ... tem To ob rate This of retrach and the rational in content of it feels



The sine is summation, was found to real, - no in a survite for it strates her minute so the willex into a retire some with etate an expected a soon in it; & on the " mounte of her expression to can atmospher I for temperature of 50° of fairentient, in un heat od traines; on the 18th 59, & on the " wente it affected 50 paris tions on the commend and is the end of the interement the puris was servedie ximin 1) in force & judness This experiment were that were a moderate digne I total is a direct here there offeet on the Human ten - Sail off acre made some ey: a ments proven that cola applied the premion in system had the some richaling effect as when soft his to the



Then, log the with the start of the south of the start of

I shall some preced to the in part , angument ling cold in proise to a so is tive by to effect when the Human " in Disease - The operation of Cold as of a Southful nature has undered ... in her zame difficult it dangerous. Il I has proce extertam in somme & in in . The cases of diverse will not ", the med it is the chaif elevel of , set of my subject to asser tour in of gooder of boren it has had then Great wicets - De Conce et whom



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In a receasing specken, in his abserva hours on is in different so sees vary " a spinintele " weet in all rums long dereaus, it in to me just the first the servention which "mois it should be as much as profitele ise sted, I that the species toon thereiste . quelater is to insure the effectual a. tion of the temperature of the patient Wer be the ear. The modden I temperary Gisson of cold water so adorn to geous in if her will not be saintary or ismust de in will an making fever. In whichil years to me that the pritent, of coides prayer maix sink himself dancy in sold both, con inting the insummine mote a decertion as the state of his heat a pulsation of his heart & interior hadriet - st goes on to say By



riptura entruction & detares form word ap I the freezeway of the putse is or a most the 3 " concer in monney witness" In then . ... " . mad the right in from synoch . the total " ... I mobility be acountage our get to in a presion way present times her against very us it in him the time morner d is a with I do not hank in comment. and about experience we then a determe white on to trugition In The conder to to a lander the operation to jum our ate forme hours in it muse were to the told " ight is to haganded" - " i'm it appear i na equal con of our oren one who a stor mount, areas let #. It walnut ton of told - the not and admits that



is a sur excellent off ... 'en in corni en immedian secon much "in det " " or outer, Lever, but in weether post a real , speaks of its welf . . in & ween in to many or line of the chance The me tops "from a last wind put in vers to be a comment to and tale I were I ter much retien I to bed it is now of tex to this action I done is not I do the come a count meet recommend in' & i read ellings to a does he not with petrodictions . Let the a go seeding offices become at cold in high whit retion is not only strent tex bu and but by simest all to retilient. austrance Who it to present day "id return to express to a love or even a it are a frate at in the Buttan is a true



July cold water or the the Heart in Ope

11 1 rome have intend that cold within try were the commentance of the standfest . . fell by a fore just a cold town a " int i satulated to be i amount I commender demonstrated and any it is come to west a not to told int I the carry to we taken by & M. I we have all sugher to be about . the water, with with we a new force, I "in very the warret of the shear & grown ! I see induce I have been welling in " I did is along

t from the current storice dite as trug



some cases as a Sudorific & in some as a Martic when applied to the Skin - I think In examples so far from favouring the inion of its being a Himulus, tond greatly confirm the fact I contend for . Do we It know that the very cases in which Cold ill have there effects other sedative rema dies as Blood letting be will have the some case is related by D' Push, where the patie. on so warm that a several could not be nodued by the common Sudorifies, but springe being immerso in colo water. which it was applied - Now does not in monifestly show that it is its ded a tive not its Humalant operation which for is this effect - Here the system was bowing under too much Stimulus, it was

Juspan 170 my respany to reduce it to that degree at which the Mood refers several take on the last tion necessary a Deaphrosesis - This degree Dr. Rush my property of them he calls the Seventing print have little doubt but what Blod I thing wild have had the same effect - Did time from it I might go on to state was one which have indued one to adopt the in in that lold is a ledation - But

The min that lold is a bedation - But not the multiplier ty of nasons which were as the mind of any fact. The testing on one creditable witness is sufficient whatlish the point - To my over feelings I would be committed.

To my non feelings I would be commeted on act of enjine her, not to take this for turn ity of rendering my acknowledge to to the Professors for the Instruction to to the Professors for the Instruction of the day attention I have received from each of

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